

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	663	327/160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:06
L2	374	second adj counter and pll and comparator and error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:03
L3	22	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:06
L4	323	327/151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:06
L5	22	3 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:06
L6	9	4 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:07
S50	4994	counter with (PLL or (phase adj lock\$2 adj loop))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 08:08
S51	90149	clock with counter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 13:51

## EAST Search History

S54	261	S50 with S51 with comparator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 13:51
S13 0	2	"6114917".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 15:16
S13 1	23521	divider with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 09:26
S13 2	1614	divider adj counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 09:26
S13 3	34	divider adj counter with pll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 09:35
S13 4	6	divider adj counter with pll with comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 10:13
S13 5	598	counters with pll with comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 10:14
S13 6	39	counters with pll with comparator with error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 10:56

## EAST Search History

S13 7	1	second adj counter with pll with comparator with error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:02
S13 8	951	second adj counter and pll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 10:57
S13 9	610	second adj counter and pll and error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 10:57
S14 0	343	second adj counter and pll and error and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 10:57
S14 1	40	second adj counter same pll and error and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 13:00
S14 2	0	"output of pll" with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 13:01
S14 3	0	"output of the pll" with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 13:01
S14 4	90	pll adj output with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 13:01

## EAST Search History

S14 5	331	lock adj detector with pll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 13:26
S14 6	25	lock adj detector with pll with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 13:33
S14 7	402	lock adj detector and pll and counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 20:15
S14 8	539	375/374	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 20:14
S14 9	24	S147 and S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 13:34
S15 0	11	("5008635"   "5220295"   "5260979"   "5394444"   "5406592"   "5483558"   "5680076"   "5764712"   "5870002"   "5905410"   "5917870").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/03 13:38
S15 1	11	("5008635"   "5220295"   "5260979"   "5394444"   "5406592"   "5483558"   "5680076"   "5764712"   "5870002"   "5905410"   "5917870").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/03 15:11
S15 2	14514	RFID with frequency hopping	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/03 15:12
S15 3	48	RFID with frequency adj hopping	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/03 15:12

## EAST Search History

S16 3	3294	375/376	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 20:40
S16 4	402	lock adj detector and pll and counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 20:15
S16 5	69	S163 and S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 20:40
S16 6	3	"6604158".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 20:25
S16 7	2859	375/354	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 20:40
S16 9	5	S167 and S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/03 20:40
S17 0	419	lock adj detector and pll and counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 17:17
S17 1	492	comparator and clock and first adj counter and phase adj locked adj loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:22

## EAST Search History

S17 2	439	comparator and clock and (first adj counter) and (phase adj locked adj loop) and (second adj counter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:23
S17 3	49	comparator and clock and (first adj counter) and (phase adj locked adj loop) same (second adj counter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:25
S17 4	25	comparator and clock and (first adj counter) and (phase adj locked adj loop) same (second adj counter) same comparator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:38
S17 5	28	(first adj counter) same (phase adj locked adj loop) same (second adj counter) same comparator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:50
S17 6	2	"5544179".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 17:58
S17 7	1	"10/193146"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 18:04
S17 8	2	"6629257".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/03 18:04
S17 9	22	count\$3 with (pll or (phase adj locked adj loop) or averag\$3) with clock with (differene or comparat\$3) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 09:21
S18 0	3	(second with count\$3) with (pll or (phase adj locked adj loop) or averag\$3) with clock with (differene or comparat\$3) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 09:22
S18 2	2	(second near2 count\$3) with (pll or (phase adj locked adj loop) or averag\$3) with clock with (differene or comparat\$3) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 09:23

## EAST Search History

S18 3	8	(second near2 count\$3) same (pll or (phase adj loocked adj loop) or averag\$3) same clock same (differene or comparat\$3) same error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:14
S18 4	2	"6977979".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 10:03
S18 5	2	"6977979".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:13
S18 6	4	((second near2 count\$3) same (pll or (phase adj loocked adj loop) or averag\$3) same clock same (differene or comparat\$3) same error).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:16
S18 7	31	((second near2 count\$3) and (pll or (phase adj loocked adj loop)) and clock and (difference or comparat\$3) and error).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:17
S18 8	23	((second adj count\$3) and (pll or (phase adj loocked adj loop)) and clock and (difference or comparat\$3) and error).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:17
S18 9	20	((second adj count\$3) and (pll or (phase adj loocked adj loop)) and clock and (difference or comparat\$3) and error and (first adj count\$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:17
S19 0	5520	counter with (PLL or (phase adj lock\$2 adj loop))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S19 1	96451	clock with counter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38

## EAST Search History

S19 2	294	S190 with S191 with comparator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S19 3	2	"6114917".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S19 4	24117	divider with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S19 5	1670	divider adj counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S19 6	43	divider adj counter with pll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S19 7	7	divider adj counter with pll with comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S19 8	647	counters with pll with comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S19 9	44	counters with pll with comparator with error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38



## EAST Search History

S20 0	2	second adj counter with pll with comparator with error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S20 1	1040	second adj counter and pll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S20 2	669	second adj counter and pll and error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S20 3	374	second adj counter and pll and error and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S20 4	50	second adj counter same pll and error and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S20 5	0	"output of pll" with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S20 6	0	"output of the pll" with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S20 7	97	pll adj output with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38

## EAST Search History

S20 8	352	lock adj detector with pll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S20 9	26	lock adj detector with pll with counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S21 0	442	lock adj detector and pll and counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S21 1	628	375/374	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S21 2	26	S210 and S211	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S21 3	11	("5008635"   "5220295"   "5260979"   "5394444"   "5406592"   "5483558"   "5680076"   "5764712"   "5870002"   "5905410"   "5917870").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:38
S21 4	11	("5008635"   "5220295"   "5260979"   "5394444"   "5406592"   "5483558"   "5680076"   "5764712"   "5870002"   "5905410"   "5917870").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:38
S21 5	18863	RFID with frequency hopping	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:38
S21 6	79	RFID with frequency adj hopping	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:38

## EAST Search History

S21 7	3855	375/376	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S21 8	442	lock adj detector and pll and counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S21 9	79	S217 and S218	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S22 0	3	"6604158".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S22 1	3358	375/354	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S22 2	6	S221 and S218	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S22 3	442	lock adj detector and pll and counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:38
S22 4	514	comparator and clock and first adj counter and phase adj locked adj loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38

## EAST Search History

S22 5	459	comparator and clock and (first adj counter) and (phase adj locked adj loop) and (second adj counter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S22 6	54	comparator and clock and (first adj counter) and (phase adj locked adj loop) same (second adj counter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S22 7	29	comparator and clock and (first adj counter) and (phase adj locked adj loop) same (second adj counter) same comparator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S22 8	32	(first adj counter) same (phase adj locked adj loop) same (second adj counter) same comparator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S22 9	2	"5544179".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S23 0	1	"10/193146"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S23 1	2	"6629257".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S23 2	22	count\$3 with (pll or (phase adj locked adj loop) or averag\$3) with clock with (differene or comparat\$3) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S23 3	3	(second with count\$3) with (pll or (phase adj locked adj loop) or averag\$3) with clock with (differene or comparat\$3) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S23 4	2	(second near2 count\$3) with (pll or (phase adj locked adj loop) or averag\$3) with clock with (differene or comparat\$3) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38

## EAST Search History

S23 5	8	(second near2 count\$3) same (pll or (phase adj loocked adj loop) or averag\$3) same clock same (differene or comparat\$3) same error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38
S23 6	2	"6977979".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:38